

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/009455

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-19 _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-8 _____ received by this Authority on 26.04.2005 with letter of 26.04.2005
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/5-5/5 _____ as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☒ the claims, nos. 9, 10 _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	Claims <u>1-8</u>	YES
		Claims _____	NO
	Inventive step (IS)	Claims <u>1-8</u>	YES
		Claims _____	NO
	Industrial applicability (IA)	Claims <u>1-8</u>	YES
		Claims _____	NO
2.	Citations and explanations (Rule 70.7)		
1.	Reference is made to the following document:		
	D1: US-B1-6 326 859 (GOLDMAN RICHARD ET AL)		
	4 December 2001 (2001-12-04)		
2.	Document D1 is considered the prior art closest to the subject matter of claim 1 and discloses (the references between parentheses refer to that document):		
	An RC oscillator circuit comprising:		
	- a current generator for generating a charging current (4);		
	- an integrator (18, 26) with an input (22), which is coupled to the current generator, and with an output (24);		
	- a comparator (6) with a first input, which is connected to the output (24) of the integrator (18, 26), and with a second input for supplying a reference threshold (Vu, Vi);		
	- a clock generator (10), which is connected to an output of the comparator (); and		
	- a reference generator (2, see D1, column 2,		

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	<p>lines 26-29) for generating the reference threshold (V_{ref}) according to a supply voltage of the RC oscillator circuit.</p> <p>3. The subject matter of claim 1 thus differs from that known from D1 in that the integrator comprises two capacitors which are alternately charged and discharged, which is not known from D1.</p> <p>The subject matter of claim 1 is therefore novel (PCT Article 33(2)).</p> <p>4. The present invention can be considered to address the problem of stabilising the signal at the output of the comparator.</p> <p>The solution to this problem as proposed in claim 1 of the present application involves an inventive step (PCT Article 33(3)).</p> <p>5. Claims 2 to 8 are dependent on claim 1 and therefore likewise meet the PCT requirements for novelty and inventive step.</p> <p>6. Contrary to PCT Rule 5.1(a)(ii), the description does not cite document D1 or indicate the relevant prior art disclosed therein.</p>